



## Goat anti-AIBZIP / CREB3L4 Antibody

<b>Item Number</b>	dAP-0336
<b>Target Molecule</b>	Principle Name: AIBZIP / CREB3L4; Official Symbol: CREB3L4; All Names and Symbols: AIBZIP; cAMP responsive element binding protein 3-like 4, JAL, hJAL, ATCE1, CREB3, CREB4, androgen-induced basic leucine zipper; RP11-422P24.8; OTTHUMP00000035266; cAMP responsive element binding protein 1; Accession Number (s): NP_570968.1; NP_001242909.1; Human Gene ID(s): 148327; Non-Human GeneID (s):
<b>Immunogen</b>	PSGRIRSVLHADEM, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_570968.1; NP_001242909.1). Reported variants represent identical protein: NP_001242908.1, NP_570968.1, NP_001242907.1 Reported variants
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 50kDa band observed in Human Placenta lysate (calculated MW of 43.4kDa according to NP_570968.1). The observed molecular weight corresponds to the glycosylated form. Recommended for use at 0.5-2µg/ml.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Prostate shows strong staining of cytoplasm in the secretory cells of the gland. Recommended concentration, 2-4µg/ml.
<b>Reference</b>	Reference(s): Qi H, Fillion C, Labrie Y, Grenier J, Fournier A, Berger L, El-Alfy M, Labrie C. AibZIP, a novel bZIP gene located on chromosome 1q21.3 that is highly expressed in prostate tumors and of which the expression is up-regulated by androgens in LNCaP human prostate cancer cells. Cancer Res. 2002 Feb

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**